

<b>STATEMENT BY APPLICANT</b> (use as many sheets as necessary)			Filing Date November 2, 2001
			First Named Inventor Ulrich Martin Graf
			Art Unit 2882
			Examiner Name Ho, Allen C.
			Attorney Docket Number 5513P003
Sheet	1	of	5

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No.†	Document Number	Publication Date or Issue Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code* (if known)			
ACH		US-6,144,875	11-07-2000	Schweikard et al.	
ACH		US-6,041,097	03-21-2000	Roos et al.	
ACH		US-6,381,302	04-30-2002	Berestov	
ACH		US-6,385,286	05-07-2002	Fitchard et al.	
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ACH		US-4,149,248	04-10-1979	Pavkovich et al.	
ACH		US-5,099,505	03-24-1992	Seppi et al.	
ACH		US-5,117,445	05-26-0992	Seppi et al.	
ACH		US-5,168,532	12-01-1992	Seppi et al.	
ACH		US-5,335,255	08-02-1994	Seppi et al.	
ACH		US-5,692,507	12-02-1997	Seppi et al.	
ACH		US-6,222,901	04-24-2001	Meulenbrugge et al.	
ACH		US-2001/0008271	07-19-2001	Ikeda et al.	
ACH		US-5,438,991	08-08-1995	Yu et al.	
ACH		US-6,104,778	08-15-2000	Murad	
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FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No.†	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T*
		Country Code* - Number* - Kind Code* (if known)				
ACH		EP 0480035 B1	11-09-1994			

Examiner Signature <div style="font-family: cursive; font-size: 1.2em;">Allen C Ho</div>	Date Considered	<div style="font-family: cursive; font-size: 1.2em;">11.06.2004</div>
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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

Application Number	10/033,327
Filing Date	November 2, 2001
First Named Inventor	Ulrich Martin Graf
Art Unit	2882
Examiner Name	Ho, Allen C.
Attorney Docket Number	5513P003

Sheet

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of

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**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No.†	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T‡
ACH		RAGAN, "Correction for Distortion in a Beam Outline Transfer Device in Radiotherapy CT-Based Simulation", Med. Phys. 20 (1), Jan/Feb 1993, pgs. 179-185.	
ACH		KUHN, "AIM Project A2003: Computer Vision in Radiology (COVIRA)", Computer Methods and Programs in Biomedicine, 1994, Citation from Dissertation Abstracts, 1 page.	
ACH		KEYS, "A CCTV-Microcomputer Biostereometric System for Use in Radiation Therapy (Topography, Medical Physics, Tissue Compensators), 1984, Citation from Energy Science and Technology, 1 page.	
ACH		KUTCHER et al., "Three dimensional radiation treatment planning", Citation from Engineering Index, 1988, 2 pages.	
ACH		REDPATH, et al., "Use of a Simulator and Treatment Planning Computer as a CT Scanner for Radiotherapy Planning", 1984, Citation from INSPEC., 1 page.	
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ACH		KUSHIMA et al., "New Development of Integrated CT Simulation System for Radiation Therapy Planning", Kobs J Med Sci., 1993, Citation from Medline (R) Database, 1 page.	
ACH		GADEMANN et al., "Three-Dimensional Radiation Planning. Studies on Clinical Integration", Strahlenther Onkol, 1993, 1 page.	
ACH		RAGAN, "Correction for Distortion in a Beam Outline Transfer Device in Radiotherapy CT-based Simulation", Med Phys., 1993, 1 page.	
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ACH		REYNOLDS, "An Algorithm for Three-Dimensional Visualization of Radiation Therapy Beams", Med Phys., 1988, 1 page.	
ACH		MOHAN, "Intersection of Shaped Radiation Beams with Arbitrary Image Sections", Comput Methods Programs Biomed, 1987, 1 page.	
ACH		BREWSTERFUAUF, "Automatic Generation of Beam Apertures", Medical Physics, 1993, 1 page.	
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Substitute for form 1449A/PTO		<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>		Application Number	10/033,327
		Filing Date	November 2, 2001
		First Named Inventor	Ulrich Martin Graf
		Art Unit	2882
		Examiner Name	Ho, Allen C.
		Attorney Docket Number	5513P003
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ACH		MOORE, "Radiation Image Generating System and Method", 1992020202/WO-A1, 1 page.	
ACH		SEPLI, "Computed Tomography Apparatus Using Image Intensifier Detector", 1992000567/WO-A1, 1 page.	
ACH		BOVA, "Dosimetric Technique for Stereotactic Radiosurgery", 1990014129/WO-A1, 1 page.	
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ACH		NISHIHARA, "Therapeutic Apparatus", 2 pages.	
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ACH		"Advanced Workstation for Irregular Field Simulation and Image Matching", Copyright 1999, MDS Nordion, 7 pages.	

Examiner Signature	Allen C. Ho	Date Considered	11.06.2004
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<b>INFORMATION DISCLOSURE</b> <b>STATEMENT BY APPLICANT</b> (Use as many sheets as necessary)		Application Number	10/033,327
		Filing Date	November 2, 2001
		First Named Inventor:	Graf
		Group Art Unit	2882
		Examiner Name	Ho, Allen C.
		Attorney Docket Number	5513.0003
Sheet 4 of 5	OTHER ART - NO PATENT LITERATURE DOCUMENTS		
Examiner Initials*	Cite No <sup>1</sup>	Include name of the author (In CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>
ACH		BALTER, James M. et al., "Daily Targeting of Intrahepatic Tumors for Radiotherapy," Int. J. Radiation Oncology Biol. Phys., vol. 52, no. 1 (2002), pp. 266-271	
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<b>INFORMATION DISCLOSURE</b>				Application Number: 10/033,327	
<b>STATEMENT BY APPLICANT</b>				Filing Date: November 2, 2001	
(Use as many sheets as necessary)				First Named Inventor: Graf	
				Group Art Unit: 2882	
				Examiner Name: Ho, Allen C.	
				Attorney Docket Number: 5513.P003	
<b>OTHER ART - NO PATENT LITERATURE DOCUMENTS</b>					
Examiner Initials*	Cite No <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>		
ACH		PISANI, Laura, M.S. et al., "Setup Error in Radiotherapy: On-line Correction Using Electronic Kilovoltage and Megavoltage Radiographs," Int. J. Radiation Oncology Biol. Phys., vol. 47, no. 3 (2000), pp. 825-839			
ACH		DRAKE, D.G. et al, "Characterization of a Fluoroscopic Imaging System for kV and MV Radiography," Med. Phys., vol. 27, no. 5, May 2000, pp. 898-905			
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ACH		SIEWERDSEN, Jeffery H. and JAFFRAY, David A., "Optimization of X-Ray Imaging Geometry (With Specific Application to Flat-Panel Cone-Beam Computed Tomography)," Med. Phys., vol. 27, no. 8, August 2000, pp. 1903-1914			
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ACH		CHO, Paul S. et al., "Cone-Beam CT for Radiotherapy Applications," Phys. Med. Biol., vol. 40 (1995), pp. 1863-1883			

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## INFORMATION DISCLOSURE

## STATEMENT BY APPLICANT

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Application Number	10/033,327
Filing Date	November 2, 2001
First Named Inventor:	Ulrich Martin Graf
Art Unit	2882
Examiner Name	Ho, Allen C.
Attorney Docket Number	5513P003

Sheet 1 of 3

## U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (If known)				
ACH		US-	4,208,675	6/17/1980	Bajon et al.	
ACH		US-	4,521,808	6/4/1985	Ong et al.	
ACH		US-	4,593,967	6/10/1986	Haugen	
ACH		US-	4,675,731	6/23/1987	Takasu et al.	
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ACH		US-	4,853,777	8/1/1989	Hupp	
ACH		US-	4,868,844	9/19/1989	Nunan	
ACH		US-	3,144,552	8/11/1964	Schonberg	
ACH		US-	5,080,100	1/14/1992	Trotel	
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ACH		PCT	WO 85/03212 A1	8/1/1985	Michaels		
ACH		EP	0062941 B1	9/26/1984	De Vogel		
ACH		EP	0205720 A1	12/30/1986	Brahme		
ACH		FR	2 269 745				
ACH		FR	2 551 664				

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Signature

Allen C. Ho

Date Considered

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ACH		DE	42 23 488 A1	1/20/1994			
ACH		DE	196 14 643 A1	10/16/1997			
ACH		JP	HEI 5[1993]-57028	3/9/1993	Translated JP patent application		
ACH		GB	1 328 033	8/22/1973			

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Sheet	3	5513P003	3
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[illegible]

Allen C. Ho

22.06.2004

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